

<b>Search Notes</b>	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10693419	WALTON ET AL.
Examiner	Art Unit	
MARCUS R SMITH	2467	

### SEARCHED

Class	Subclass	Date	Examiner

### SEARCH NOTES

Search Notes	Date	Examiner
limited text search in 370/310,328,347.ccls.	7/03/08 (updated 1/30/09, 4/23/10, 9/17/10, 12/10/10, 4/5/11, 8/24/11, 12/08/11)	Marcus Smith
MIMO same (lan or wlan or wireless) and pilot with channel	7/03/08	Marcus Smith
MIMO same (lan or wlan or wireless) and (pilot or control\$4 or broadcast) with (channel or subchannel or sub-channel) and time division a	7/03/08	Marcus Smith
MIMO and (pilot or control\$4 or broadcast) with (channel or subchannel or sub-channel)	1/30/09	Marcus Smith
consulted Ian Moore	8/27/09	Marcus Smith
(MIMO or OFDM) and (random access channel or RACH) and pilot	9/11/09	
limited text search in 375/276,299,346-347	8/31/09 ( updated 4/23/10, 9/17/10, 12/10/10, 4/5/11, 8/24/11, 12/08/11)	Marcus Smith
MIMO same OFDM\$1 and (broadcast\$4 or beacon\$4 or pilot\$4) same (estimat\$8) and random with channel and @ad<="20031023"	9/11/09	Marcus Smith
(beacon or pilot) same (broadcast\$4) and Random access with channel same (schedul\$4 or request\$4)	9/11/09	Marcus Smith
inventor name search in EAST	4/23/10 (updated 9/17/10, 12/10/10, 4/5/11, 8/24/11, 12/08/11)	Marcus Smith

## SEARCH NOTES

Search Notes	Date	Examiner
pilot same channel with estimat\$ and schedul\$4 and (forward\$ or uplink or downlink or control\$4) with channel and (RACH or random access channel) same request\$4 and @ad<="20031031"	4/23/10	Marcus Smith
pilot with (channel near3 estimat\$) same (forward or broadcast\$4 or downlink) with channel and (random access with channel or RACH) and (OFDM\$1 or MIMO or SIMO or spatial process\$4 or beam-steer\$4 or beamsteer\$4) and @AD<="20031030"	9/17/10 (updated 12/10/10)	Marcus Smith
pilot same (channel with estimat\$) same (forward or broadcast\$4 or downlink) with channel and (random access with channel or RACH) and @AD<="20031030"	9/17/10 (updated 12/10/10, 4/5/11)	Marcus Smith
pilot with (broadcast\$4 or channel with estimat\$4) and (random access with channel or RACH) same (SIMO or beam\$4 with steer\$ or beam-steer\$) same (rate or spatial or antennas or output)	4/5/11	Marcus Smith
limited text search in 370/208-210, 338	12/08/11	Marcus Smith

## INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
	see search history printout	9/17/10 (updated 12/10/10, 4/5/11, 8/24/11, 12/08/11)	MS